

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006553**Date Inspected:** 22-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Wei Wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the time noted above for observations relative to the work being performed.

BAY#03

On going FCAW Welding of Weld Joint 3G-132,133 Located on SSD13A-PP072 Welder no indentified as 0044824 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2233-Tc-U4b-F .

On going SAW Welding of Weld Joint 1G-026 Located on FB011-030 Welder no indentified as 044780 and The welding variables recorded by QC ZMPC Mr.Yang Ging Feng to comply with the WPS-B-T-2221-B-L2C-S-2.

On going Heat Straightening of Longitudinal Diaphragm report recorded by ZPMC QC Mr.

Zhang Yaxu to comply with HSR-008.

Weld joint Fit-up inspection of the Floor Beam weld joints recorded by ZPMC QC Mr. Yang

Ging Feng to comply with the WPS-B-T-2231-B-U2-F.

Green Tag issued for the following items after NDT completed satisfactorily.

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

FB003-134 – Green tag no -006632.

FB003-138- Green tag no-006633.

FB003-145- Green tag no-006634.

FB003-158-Green tag no-006335.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents

### Summary of Conversations:

No Relevant Conversation.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-150-0042-2372, who represents the Office of Structural Materials for your project.

---

|                      |                   |                             |
|----------------------|-------------------|-----------------------------|
| <b>Inspected By:</b> | Kumar, Chadra     | Quality Assurance Inspector |
| <b>Reviewed By:</b>  | Clifford, William | QA Reviewer                 |

---